

MAIDENHEAD METEOROLOGICAL OBSERVATIONS FOR FEBRUARY 2021

						0900GMT		Temperature			Soil temperatures (depth in cm)																			Rain	Fr.	Pch							
DD	N	dd	ff	ww	VV	Temp	RH	Max	Min	Gmin	5	10	20	30	50	100	E	SS	Rain	Sun	S	L	H	T	G	F	Press	hrs	hrs	Evap									
01	8	36	05	05	96	3.3	92	7.7	0.4	-1.5	4.0	3.9	4.6	5.5	5.6	6.9	20	0	5.5	0.0	0	0	0	0	0	0	996.0	5.3	0.0	0.5	Number of days with								
02	8	23	02	21	96	7.7	93	12.8	3.3	3.5	4.9	4.6	5.1	5.4	5.5	6.8	20	0	2.8	2.9	0	0	0	0	0	0	995.0	1.2	0.0	0.9									
03	8	23	02	02	97	7.6	86	10.5	7.6	5.2	6.6	6.4	6.6	6.2	5.7	6.7	20	0	0.0	0.3	0	0	0	0	0	0	993.0	0.0	0.0	0.5	2021 normal								
04	9	00	00	45	03	3.5	92	9.0	-0.2	-3.5	3.7	3.6	5.0	6.1	6.1	6.7	10	0	6.9	0.1	0	0	0	0	0	1	1009.5	3.8	0.9	0.4	Snow/sleet falling								
05	7	18	02	01	97	5.5	93	9.9	3.5	0.4	5.1	5.1	6.1	6.2	6.0	6.9	20	0	6.5	1.9	0	0	4	0	0	0	1009.5	1.9	0.0	0.1	4 3.3								
06	9	00	00	43	02	0.5	90	8.7	0.3	-1.4	3.8	4.0	5.5	6.2	6.1	6.9	20	0	3.6	5.1	0	0	0	0	0	1	1008.5	4.0	0.0	0.9	50% snow cover 09GMT								
07	7	05	09	02	97	2.6	69	3.0	0.5	-0.2	3.9	3.9	5.0	6.0	6.0	6.9	20	0	tr	0.9	1	0	0	0	0	0	1006.0	0.0	0.0	0.4	0 1.3								
08	8	05	09	71	96	-0.9	95	0.2	-1.4	-2.3	1.2	1.7	3.2	5.0	5.5	6.9	40	0	tr	0.0	5	0	0	0	0	0	1003.5	0.0	17.4	0.0	Hail or ice pellets								
09	7	05	05	85	95	-0.7	71	0.8	-1.9	-5.6	1.0	1.2	2.6	4.2	4.8	6.8	X5	<1	0.5	0.1	5	0	3	0	0	0	1007.0	0.5	14.3	0.0	1 0.6								
10	0	05	02	02	97	-0.7	73	3.6	-1.8	-4.5	0.8	1.0	2.2	3.8	4.4	6.5	X5	<1	tr	6.1	5	0	0	0	0	0	1015.0	0.0	14.6	0.2	Thunder								
11	7	13	02	03	97	-1.4	81	0.9	-3.9	-6.1	0.6	0.7	2.0	3.3	3.9	6.2	40	0	0.0	3.3	0	0	0	0	0	0	1027.0	0.0	16.2	1.1	0 0.3								
12	6	09	09	02	97	0.0	52	2.9	-1.4	-3.1	0.1	0.3	1.6	3.0	3.5	6.1	40	0	0.0	6.9	0	0	0	0	0	0	1030.0	0.0	15.9	0.2	Gale								
13	6	13	09	02	97	-2.6	52	2.2	-3.5	-4.0	-0.6	0.0	1.3	2.6	3.2	5.8	40	0	0.0	2.5	0	0	0	0	0	0	1033.0	0.0	11.6	1.9	0 0.0								
14	8	13	05	02	97	2.2	50	7.2	-2.6	-3.3	0.1	0.1	1.2	2.5	3.0	5.6	40	0	4.1	0.0	0	0	0	0	0	0	1027.5	6.2	0.0	0.8	Fog at 09GMT								
15	8	18	02	50	95	7.2	90	12.5	2.2	1.5	2.9	2.4	2.6	3.0	3.1	5.5	20	0	2.4	2.9	0	0	0	0	0	0	1017.5	2.5	0.0	0.7	2 1.2								
16	8	23	02	60	96	9.7	85	11.2	7.2	2.2	5.7	5.2	5.1	4.3	3.7	5.3	20	0	2.3	0.2	0	0	0	0	0	0	1008.5	4.0	0.0	0.5	Air frost								
17	8	23	05	21	97	10.0	87	11.9	6.9	1.5	6.2	5.6	6.1	5.0	4.5	5.5	20	0	3.9	0.3	0	0	0	0	0	0	1009.5	3.8	0.0	0.9	10 7.8								
18	7	23	09	01	97	10.5	75	10.7	8.1	4.0	6.5	6.1	5.0	5.7	5.1	5.6	10	0	1.2	3.0	0	0	0	0	0	0	998.5	1.7	0.0	0.7	Ground frost								
19	8	18	05	02	97	8.0	77	12.5	1.4	-3.8	5.1	4.6	6.8	5.5	5.3	5.9	10	0	tr	0.0	0	0	0	0	0	0	1008.0	0.0	0.0	1.3	15 16.5								
20	7	18	02	01	97	11.0	73	14.5	8.0	6.5	7.3	7.0	7.9	6.1	5.6	6.0	10	0	1.1	1.4	0	0	0	0	0	0	1003.0	3.1	0.0	2.0	0.2mm precipitation								
21	7	18	02	21	97	10.4	86	14.0	10.3	8.1	8.1	7.9	7.3	7.0	6.1	6.1	10	0	0.0	0.7	0	0	0	0	0	0	1008.0	0.0	0.0	0.6	13 13.5								
22	8	23	02	02	97	7.6	89	9.8	6.6	3.6	7.1	6.7	6.5	7.2	6.6	6.4	10	0	0.3	0.0	0	0	0	0	0	0	1012.5	0.4	0.0	0.1	1.0mm precipitation								
23	6	18	02	01	97	7.5	91	14.3	2.7	0.2	5.4	5.4	8.3	7.0	6.6	6.7	10	0	0.0	8.0	0	0	0	0	0	0	1022.5	0.0	0.0	2.9	11 10.2								
24	2	18	05	02	97	14.1	51	17.3	7.5	2.5	8.9	8.6	9.0	7.4	7.0	6.9	10	0	0.1	3.8	0	0	0	0	0	0	1022.5	0.1	0.0	2.1	5.0mm precipitation								
25	8	27	02	02	97	9.2	83	12.1	8.9	7.3	8.8	8.7	6.5	7.8	7.4	7.0	10	0	tr	0.7	0	0	0	0	0	0	1026.0	0.0	0.0	0.7	3 3.2								
26	0	27	02	02	97	2.5	84	13.2	-0.9	-2.2	3.9	4.7	5.6	8.0	7.6	7.3	10	0	0.0	9.6	0	0	0	0	0	0	1038.0	0.0	2.8	1.0	No sunshine								
27	0	27	02	02	97	2.8	85	14.0	-1.2	-4.2	3.4	3.9	5.6	7.2	7.2	7.4	10	0	0.0	9.4	0	0	0	0	0	0	1042.5	0.0	5.2	1.0	5 7.7								
28	8	09	02	10	96	3.2	95	10.8	2.8	-2.1	4.3	4.4	5.5	6.8	6.9	7.4	10	0	0.0	5.9	0	0	0	0	0	0	1039.0	0.0	0.0	0.5	Overall, slightly milder, drier and duller than average. The 7th to 13th were especially cold by day although minimum temperatures did not drop down below -3.9C. There were milder days with very little air frost in the second half of the month, with pressure rising to about 1042.5 mb towards the end of the month.								
Monthly means						5.0	80	9.2	2.5	0.0	4.2	4.2	5.0	5.5	5.4	6.5											1014.9												
Monthly totals																			41.2	76.0							38.5	98.9	22.9										
Highest values						14.1		17.3	10.3	8.1	8.9	8.7	9.0	8.0	7.6	7.4											6.2	17.4	2.9										
Lowest values						-2.6	50	0.2	-3.9	-6.1	-0.6	0.0	1.2	2.5	3.0	5.3																							
1991-2020 monthly climatological averages						87	9.1	2.3	-0.6	4.2	4.1	5.0	5.6	5.6	6.5											48.5	80.6							1017.2	51.7	55.1	28.5		

DD: date

07GMT observations

N	cloud cover (oktas, 9=obscured)	dd	wind direction (degrees/10)
ff	wind speed (knots)		
ww	present weather code		
1	cloud decreasing	50	slight drizzle
2	sky not changing	60	intermittent slight rain
3	cloud increasing	61	continuous slight rain
21	recent rain	71	continuous slight snow
25	recent rain shower	95	light thunderstorm

VV visibility (00-50 metres/100, 94 very poor, 95 poor, 96 moderate, 97 good)

Soil temperatures are for 0700GMT beneath bare soil (5, 10, 20cm) or grass (30, 50, 100cm)

09GMT observations

Temp	temperature (degC)	RH	relative humidity (%)
E	state of ground (X0 hail, X1 to X9 snow lying, 10 moist, 20 wet, 40 frozen)		
SS	snow depth (cm)		
Press	air pressure (mb)		

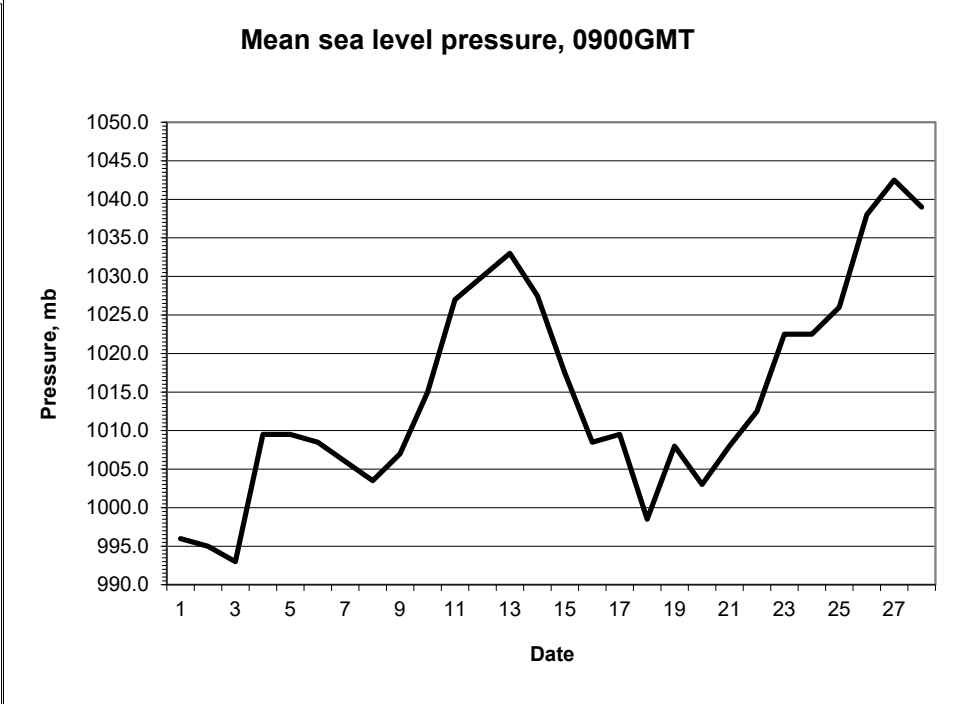
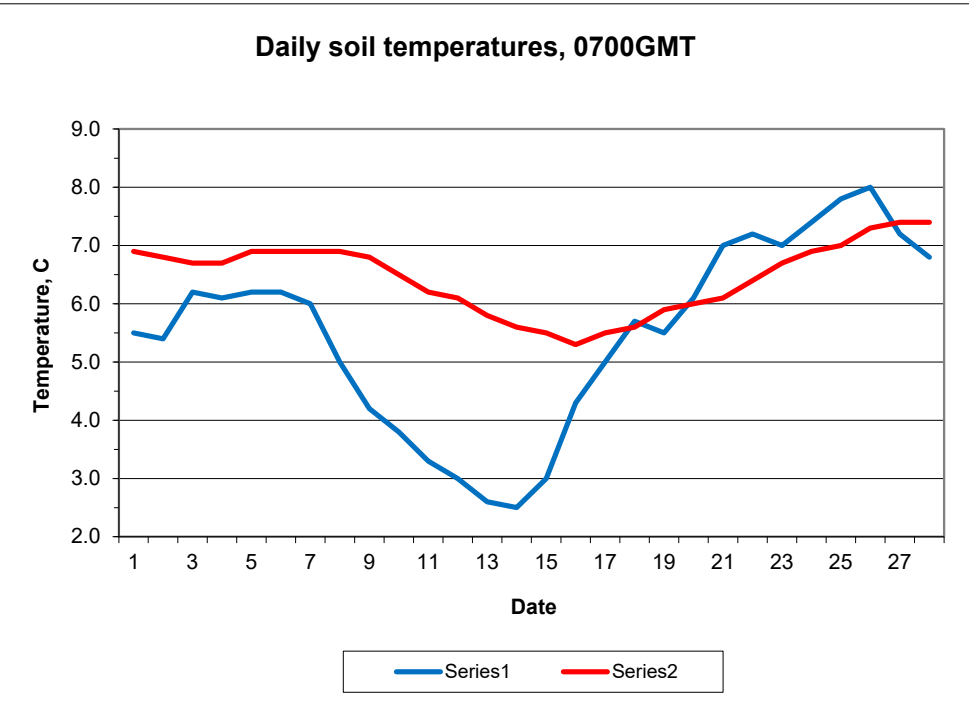
24 hour readings

Max	maximum temperature (degC) beginning 09GMT	Min	minimum temperature (degC) ending 09GMT
Gmin	grass minimum temperature (degC) ending 09GMT	Rain	precipitation beginning 09GMT
Sun	sunshine (hours) sunrise-sunset	Rain hrs	hours of rainfall (>0.1mm/h) 09-09GMT
Fr. Hrs	hours of air frost (00-24GMT)	Pch Evap	Piche evaporation (ml) beginning 09GMT

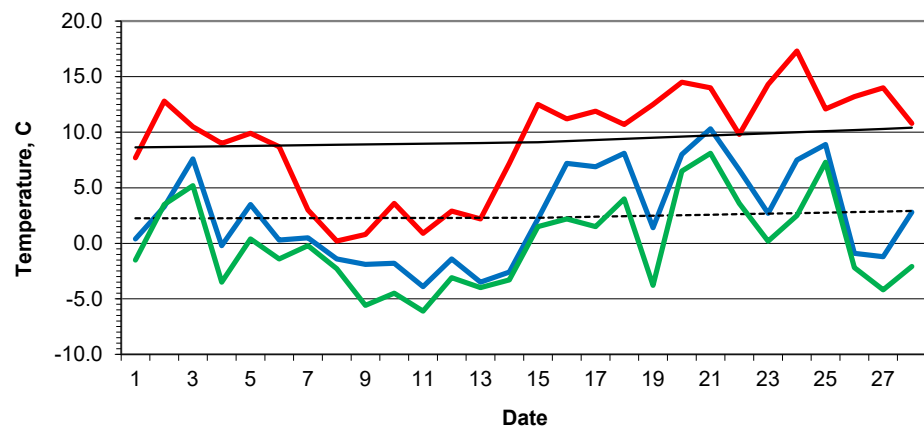
Days with

S	snow(5) or sleet(1) falling	L	50% snow cover at 09GMT	H	hail or ice pellets
T	thunder heard	G	gale	F	fog at 09GMT

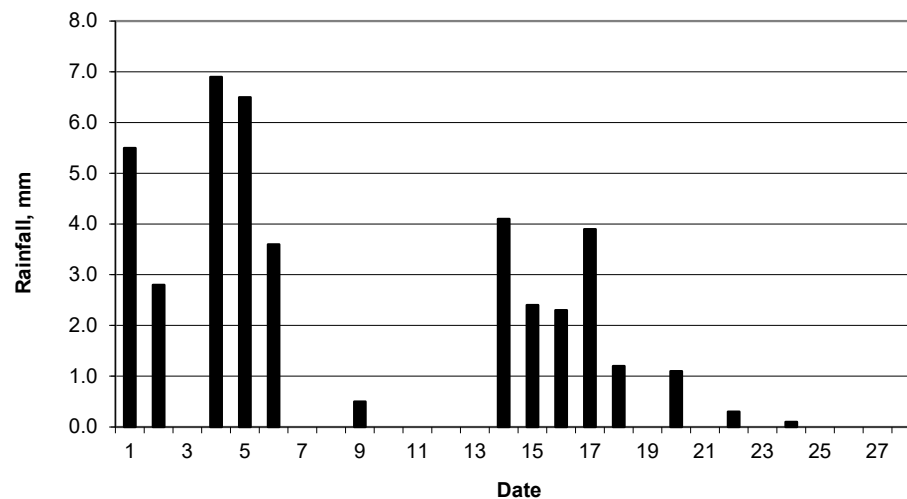
This information (and data for earlier months) is also available at <http://www.met.reading.ac.uk/~brugge>



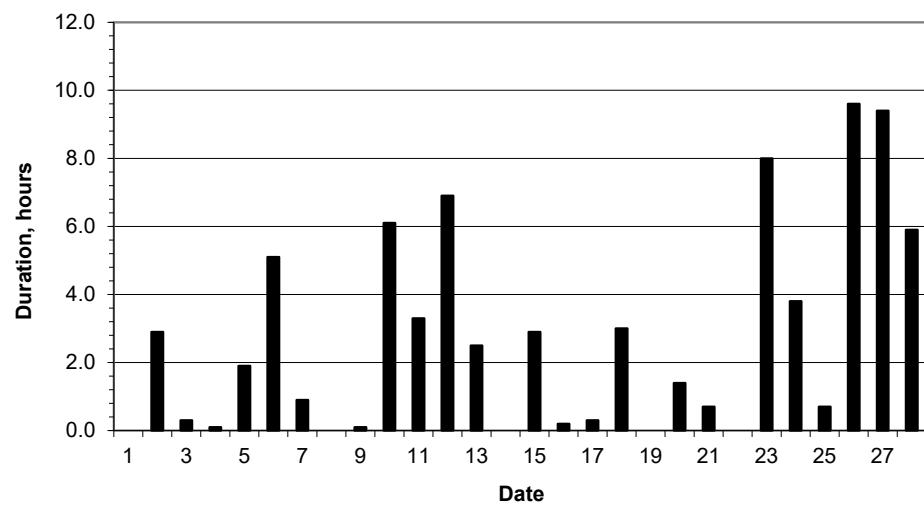
Daily temperature extremes



Daily rainfall



Daily sunshine



Daily evaporation

